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11000 U.S. PTO  
09/823069  
PATENT

11041 U.S. PTO  
03/30/01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

ATTY DOCKET NO.: 9151-6

DATE: March 30, 2001

**UTILITY PATENT APPLICATION TRANSMITTAL LETTER  
AND FEE TRANSMITTAL FORM (37 CFR 1.53(b))**

**BOX PATENT APPLICATION**

Commissioner for Patents

Washington, DC 20231

Sir:

Transmitted herewith for filing under 37 CFR 1.53(b) is:

- ☒ a patent application
- ☒ claims priority from Provisional Application Serial No. **60/193,694**, filed **March 31, 2000**
- ☐ a Continuation ☐ a Divisional ☐ a Continuation-in-Part (CIP)  
of prior application no.: ; filed .
- ☒ A Small Entity Statement(s) was filed in the prior application; Status still proper and desired.

Inventor(s) or Application Identifier:

**Kenneth T. Wheeler**, Winston-Salem, North Carolina

**Robert H. Mach**, Winston-Salem, North Carolina

**Steven Childers**, Winston-Salem, North Carolina

**Gregory Shelness**, Winston-Salem, North Carolina

**Li-Ming Wang**, Lexington, Kentucky

Entitled: **METHODS AND COMPOSITIONS UTILIZING AN ALTERNATIVE SPLICE  
VARIANT OF THE SIGMA-1 RECEPTOR**

Enclosed are:

1. ☒ Application Transmittal Letter and Fee Transmittal Form (*A duplicate is enclosed for fee processing*)
2. ☒ 49 pages of Specification (including 32 claims)
3. ☒ 7 sheets of Formal Drawings (35 USC 113)
4. ☐ Oath or Declaration
  - a. ☐ newly executed (*original or copy*)
  - b. ☐ copy from prior application (37 CFR 1.63(d) (*for continuation/divisional*) [Note Box 5 Below]
  - c. ☐ **DELETION OF INVENTOR(S)** (*Signed statement deleting inventor(s) named in the prior application*)
5. ☐ Incorporation By Reference (*useable if box 4b is checked*)

The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
6. ☐ Microfiche Computer Program (*Appendix*)
7. ☐ Assignment papers (*cover sheet(s) and document(s)*)
8. ☒ Small Entity Statement(s) **Filed in parent application.**
9. ☐ Information Disclosure Statement, PTO-1449, and references cited
10. ☐ Preliminary Amendment (*Please enter all claim amendments prior to calculating the filing fee.*)
11. ☐ English Translation Document


12. ☐ Certified Copy of  
 13. ☐ Sequence Listing/ Sequence Listing Diskette  
     a. ☐ computer readable copy  
     b. ☐ paper copy  
     c. ☐ statement in support  
 14. ☐ An Associate Power of Attorney  
 15. ☒ Return Receipt Postcard (MPEP 503) *(Should be specifically itemized)*  
 16. ☒ Other: **Letter: Application filed under 1.41(c)**

The fee has been calculated as shown below:

	Column 1 No. Filed	Column 2 No. Extra	Small Entity Rate      Fee	Large Entity Rate      Fee
BASIC FEE			\$355.00	\$710.00
TOTAL CLAIMS	32 - 20 =	12	x 09 = \$ 108.00	x 18 = \$
INDEP CLAIMS	10 - 3 =	7	x 40 = \$ 280.00	x 80 = \$0
<input type="checkbox"/> MULTIPLE Dependent Claims Presented			+ 135 = \$	+ 270 = \$
If the difference in Col. 1 is less than zero, Enter "0" in Col. 2			Total \$ 743.00	Total \$

- ☒ A check in the amount of \$743.00 to cover the filing fee is enclosed.
- ☐ A check in the amount of \$            is enclosed to cover the filing fee, PLUS the Assignment Recordation fee (\$40.00).
- ☒ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 50-0220.
- ☒ Any additional filing fees required under 37 CFR 1.16.
- ☒ Any patent application processing fees under 37 CFR 1.17.

Respectfully submitted,

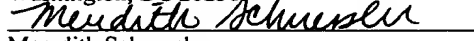
  
 Sorojini J. Biswas  
 Registration No. 39,111

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#### CERTIFICATE OF EXPRESS MAILING

Express Mail Label No. **EL733080354US**  
 Date of Deposit: **March 30, 2001**

I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Box Patent Application, Commissioner For Patents, Washington, DC 20231.

  
 Meredith Schuessler  
 Date of Signature: March 30, 2001

Attorney Docket No. 9151-6

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Wheeler et al.

Serial No.: To be assigned

Filed: Concurrently herewith

For: METHODS AND COMPOSITIONS UTILIZING AN ALTERNATIVE  
SPLICE VARIANT OF THE SIGMA-1 RECEPTOR

Date: March 30, 2001

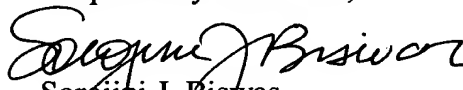
Box Patent Application  
Commissioner for Patents  
Washington, DC 20231

APPLICATION FILED UNDER 37 CFR 1.41(c)

Sir:

The above-identified application is being filed on behalf of the inventors, **Kenneth T. Wheeler**, resident of Winston-Salem, North Carolina; **Robert H. Mach**, resident of Winston-Salem, North Carolina; **Steven Childers**, resident of Winston-Salem, North Carolina; **Gregory Shelness**, Winston-Salem, North Carolina; and **Li-Ming Wang**, resident of Lexington, Kentucky, under the provisions of 37 CFR 1.41(c). A Declaration and Power of Attorney from the inventor will follow, 37 CFR 1.63.

Respectfully submitted,


  
Sorojini J. Biswas  
Registration No. 39,111

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